

# 2012 Nagoya-Yonsei University Research Exchange Meeting on Health Sciences



22nd-24th November, 2012  
Nagoya University Daiko Campus  
Nagoya, Japan

## Schedule

November 23rd, 2012

Time	Schedule	Place
10:00 – 11:00	Opening Ceremony	Auditorium (East building)
11:00 – 12:00	Presentation	Nursing: Auditorium (East building) Medical Technology: Lecture Room 1 Radiological Technology: Lecture Room 2 Physical Therapy: Lecture Room K301 (South building) Occupational Therapy: Lecture Room 4
12:00 – 13:30	Lunch (paper work)	Meeting Room 122
13:30 –	Presentation	Nursing: Auditorium (East building) Medical Technology: Lecture Room 1 Radiological Technology: Lecture Room 2 Physical Therapy: Lecture Room K301 (South building) Occupational Therapy: Lecture Room 4
	Dinner	Arranged by each department

## SCHEDULE (Nursing)

### **Session 1 : 11 : 00 ~ 11 : 40**

#### **Session chair: Prof. Yuko Ikematu**

1.Alternatives to the family in nursing care: A study of tensions faced by nurses dealing with possibilities and impossibilities

Yoko Kageyama

2.Hypoglycemia simulation performance evaluation for nursing students using the Lasater Clinical Judgment Rubric tools

Jung Ji Soo

3.The relationship between professional autonomy, self-esteem and moral sensitivity of Certified Nurse Specialists in cancer nursing

Kaori Asaba

### **Session 2 : 13 : 30 ~14 : 30**

#### **Session chair: Prof. Yun Hee Shin**

4.Affecting factors on maternal role competence of mothers of premature infants: A literature review

Jung Hee Song

5.Establishment of new lymphatic routes from edematous limb after lymphadenectomy in rats

Yukari Takeno

6.Relations health literacy to knowledge and selfcare behaviors in patients receiving hemodialysis

Dong Eun Shin

7.Life activities improve heart rate variability in patients with hypertension and/or heart failure

Natsuki Nakayama

- 15 minutes rest -

### **Session 3 : 14 : 45 ~15 : 45**

#### **Session chair: Prof. Katsumasa Ota**

8.Post-trauma stress and anxiety among ICU nurses : A preliminary study

Guen Sook Lee

9.Factors related to musculoskeletal symptoms among female family caregivers

Kishiko Suzuki

10.The role of nurses in trauma teams

Suk Chan Kim

11.Association between work environment and resignation intention of visiting nurses

Konami Mori

## SCHEDULE (Radiological Technology)

**Session 1 : 11 : 00 ~ 12 : 00**

**Session chair: Prof. Yoshie Kodera**

1. Effect of reconstruction filter on image in dental cone beam computed tomography  
Yuuki Houno
2. Characteristics of image in dual-energy computed tomography(CT) imaging  
Dae Hong Kim
3. Verification of lateral biological dose distribution with microdosimetric kinetic model  
in carbon-ion radiotherapy  
Mikoto Tamura
4. The impact of secondary particles on in-beam PET imaging for dose verification in  
carbon ion therapy  
Su Jung An

**Session 2 : 13 : 30 ~**

**Session chair: Prof. Hee Joung Kim**

5. Evaluation of radiation dose to organs and tissues in infant X-ray CT  
Takanori Ishii
6. Digital breast tomosynthesis and digital mammography- A comparison of figures of  
merit for various average glandular doses  
Ye Sle Kim
7. Reduction of patient dose in digital mammography: Simulation of low-dose image  
from routine-dose  
Yuki Saito

- 15 minutes rest -

**Session chair: Prof. Haruo Isoda**

8. Optimization of the angle between detector modules in a dual-head cardiac SPECT  
Woo Jin Jo
9. Accuracy of 3D cine phase contrast MR flow measurement for common carotid  
arteries  
Ikki Tozawa
10. A high resolution SPECT system with a photon counting detector: Monte Carlo  
simulation studies  
Young Jin Lee

## SCHEDULE (Medical Technology)

### **Morning Session : 11:00 ~ 12:00**

#### **Session chair: Prof. Tsutomu Kawabe**

1. Cancer-directed delivery of doxorubicin-rapamycin and cancer imaging by anti-Her2 immunoliposomes  
Min Woo Kim
2. Variation of IgE-binding epitopes in the allergen after repeated immunization  
Takehiro Yamaguchi
3. Evaluation of human papillomavirus oncogenic mRNA testing for diagnosis of cervical cancer by using real-time NASBA  
Geehyuk Kim

### **Afternoon Session : 13:30 ~ 16:00**

#### **Session chair: Prof. Takaaki Kondo**

4. Quantitation of neonicotinoid metabolites in human urine using gas chromatography-mass spectrometry  
Hiroshi Nomura
5. Comparison of virulence factors, phylogenetic groups and ciprofloxacin susceptibility between *Escherichia coli* isolated from healthy students and uropathogenic *E. coli* isolated from patients with urinary tract infections in Korea  
Min Park
6. The relationship between *Helicobacter pylori* infection and medical history of selected diseases among an urban area population of Japan  
Akina Hayashi

– 10 minutes rest –

#### **Session chair: Assistant Prof. Ki Jong Rhee**

7. Anti-HCV agent ribavirin modulates transcription elongation in clotting factor VII expression  
Atsuo Suzuki
8. Cervical condyloma acuminatum shows more progressive histopathological changes than vulvar condyloma acuminatum  
Satomi Mizuno
9. Parkin induces apoptotic cell death in TNF- $\alpha$ -treated cervical cancer cells  
Yoonjung Cho

– 5minutes rest –

#### **Session chair: Prof. Takashi Murate**

10. Parkin induces MMP-3 expression in human cervical cancer cells  
Byung Chul Jung
11. Induction of the IL-2-independent growth by *KRAS* G12A mutation  
Naoki Mizutani
12. Changes of matrix metalloproteinases (MMPs) expression in triglyceride treated macrophages.  
Jaewon Lim

## **SCHEDULE (Physical Therapy)**

**Session 1: 11 : 00 ~ 12 : 00**

**Session chair: Prof. Morio Kawamura**

**Session chair: Associate Prof. Kazuto Ishida**

1. Effects of selective attention task on postural adjustment during choince step reaction.  
Kazuki Uemura
2. Effects of motor skills training on motor function and neural plasticity following intra-cerebral hemorrhage in rats.  
Keigo Tamakoshi
3. Interaction between down-regulation of KCC2 expression in plasma membranes of spinal motoneuron and spasticity after stroke in mice.  
Takuya Toda

**Session 2 : 13 : 30 ~ 14 : 30**

**Session chair: Prof. Sang Hyun Cho**

4. A Comparison of Trapezius Muscle Activity While Performing a Dictation Task, Sitting in an Auditorium Chair and a Classroom.  
Tae Jim Kim
5. Muscle activation of the gluteus maximus and hamstrings during prone hip extension with knee flexion in three hip abduction positions.  
Sunyoung Kang
6. Janda's sensorimotor training in the upper crossed syndrome.  
Jae Jin Lee

– 15 minutes rest –

**Session 3 : 14 : 45 ~ 15 : 25**

**Session chair: Prof. Sumio Yamada**

7. Feasibility of Emerging devise for Electrical Muscle Stimulation immediately after Cardiovascular Surgery.  
Kotaro Iwatsu
8. The effect of internet based cardiac rehabilitation with pulse monitoring device on improvement of exercise tolerance and coronary risk factor modification: a pilot study.  
Yuta Hagiwara

– 15 minutes rest –

**Session 4 : 15 : 40 ~ 16 : 20**

**Session chair: Prof. Sang Hyun Cho**

9. Immediate Effects of Soft Tissue Massage on Acromiohumeral Distance, Anterior Translation of Humeral Head, and Glenohumeral Range of Motion in Subjects With Posterior Shoulder Muscle Tightness: A Preliminary Study.  
Sil-Ah Choi
10. Effects of Breathing Maneuver and Sitting Posture on Muscle Activity in Inspiratory Accessory Muscles in Patients with Chronic Obstructive Pulmonary Disease.  
Ki-song Kim

## **SCHEDULE (Occupational Therapy)**

### **Session 1 : 11 : 00 ~ 12 : 00**

**Session chair: Prof. Minoru Hoshiyama**

1. Time orientation and orientation in the elderly persons.

Yuko Iwamoto

2. Communication with emotional materials with patients with dementia

Sayo Yamashita

3. Comparison of behavior in young and elderly drivers using the Safe Driving

Behavior Measure (SDBM)

Y. J. Jeong, M. Jung

### **Session 2 : 13 : 30 ~ 15:30**

**Session chair: Prof. Yuji Sawada**

4. Analysis of the change of center of pressure sway during repeated dressing in healthy subjects

Youta Obayashi

5. An influence of classroom furniture size on children's written test, pressure of the pen and sitting posture

Go Igarashi

6. Current trends in occupational therapy assessment tools in Korean pediatric occupational therapy

E. M. Jo, E. Y. Yoo

- 15 minutes rest -

**Session chair: Prof. Ji-Hyuk Park**

7. Assistive technology in Korea: Implications for occupational therapy

N. Y. Yang, B. M. Lee, M. Y. Jung

8. Brain response for awareness: A magneto-encephalographic study

Hitomi Yamakawa

9. A systematic review of the effects of occupational therapy for persons with dementia: A meta-analysis of randomized controlled trials

S. Y. Kim, E. Y. Yoo, M. Y. Jung, S. H. Park, J. H. Park

10. Awareness of driving rehabilitation among occupational therapists in Korea

H. Y. Jung, M. Y. Jung

# List of Participants - Nagoya University

Department	Name (English)	Position
Graduate school of Medicine (Health Sciences)	Hisataka SAKAKIBARA	Director
	Yuko Ikematu	Professor
Nursing	Katsumasa Ota	Professor
	Konami MORI	Master's student
	Yukari TAKENO	Doctoral student
	Kishiko SUZUKI	Master's student
	Kaori ASABA	Master's student
	Natsumi NAKAYAMA	Doctoral student
	Yoko KAGEYAMA	Doctoral student
	Radiological Technology	Haruo ISODA
Yoshie KODERA		Professor
Yuuki HOUNO		Master course
Mikoto TAMURA		Master course
Takanori ISHII		Master course
Yuki SAITO		Master course
Ikki TOZAWA		Master course
Medical Technology	Tsutomu KAWABE	Professor
	Takaaki KONDO	Professor
	Takashi MURATE	Professor
	Naoki MIZUTANI	Master course
	Akina HAYASHI	Master course
	Satomi MIZUNO	Master course
	Hiroshi NOMURA	Master course
	Takehiro YAMAGUCHI	Master course
Atsuo SUZUKI	PhD	
Physical Therapy	Sumio YAMADA	Professor
	Morio KAWAMURA	Professor
	Kazuto ISHIDA	Associate Professor
	Kotaro IWATSU	Doctor course
	Keigo TAMAKOSHI	Doctor course
	Kazuki UEMURA	Doctor course
	Yuta HAGIWARA	Master course
	Takuya TODA	Master course
Occupational Therapy	Yuji SAWADA	Professor
	Minoru HOSHIYAMA	Professor
	Yuko IWAMOTO	Doctor course
	Go IGARASHI	Doctor course
	Hitomi YAMAKAWA	Master course
	Sayo YAMASHITA	Master course
	Youta OBAYASHI	Master course



# List of Participants - Yonsei University

Department	Name (English)	Position
Graduate School of Health and Environment	HEE JOUNG KIM	Dean
	YUN HEE SHIN	Professor
Nursing	HEA KUNG HUR	Professor
	JI SOO JUNG	MS
	DONG EUN SHIN	MS
	GEUN SOOK LEE	MS
	JUNG HEE SONG	MS
	SUK CHAN KIM	MS
	HEE JOUNG KIM	Professor
Radiological Science	DAE HONG KIM	MS/PhD
	YOUNG JIN LEE	MS/PhD
	YE SLE KIM	MS/PhD
	SU JUNG AN	PhD
	WOO JIN JO	MS
	KI JONG RHEE	Assistant Professor
Biomedical Laboratory Science	MIN PARK	MS/PhD
	JAE WON LIM	MS/PhD
	YOON JUNG CHO	MS/PhD
	MIN WOO KIM	MS
	BYUNG CHUL JUNG	MS
	GEE HYUK KIM	MS
	SANG HYUN CHO	Professor
Physical Therapy	SUN YOUNG KANG	PhD
	TAE JIN KIM	MS/PhD
	JAE JIN LEE	MS
	SIL AH CHOI	MS
	KI SONG KIM	PhD
	JI HYUK PARK	Associate Professor
Occupational Therapy	EUN MI CHO	MS
	YUN JU JEONG	MS
	SE YUN KIM	PhD
	HAE YOUN JUNG	MS
	SANG YOON CHO	MS/PhD
	BO MI LEE	MS